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December 15, 2003

WRITER'S DIRECT NUMBER: (202) 772-8525 **INTERNET ADDRESS:** BRIAND@SKGF.COM

Art Unit 1634

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Non-Provisional Patent Application

Application No. 09/517,466; Filed: March 2, 2000

Compositions and Methods for Use in Recombinational Cloning of

**Nucleic Acids** 

Inventors:

Hartley et al.

Our Ref:

0942.4680003/RWE/BJD/JKM

Sir:

Transmitted herewith for appropriate action are the following documents:

- Fifth Supplemental Information Disclosure Statement;
- 2. List of cited references on Form PTO-1449 (9 pages);
- A copy of each of the cited references on Form PTO-1449 (27 documents: 3. AM9, and AR105-AS113); and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLL.C.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents December 15, 2003 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono Attorney for Applicants Registration No. 42,473

RWE/BJD/JKM/acr Enclosures

SKGF 209721v1



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hartley et al.

Appl. No. 09/517,466

Filed: March 2, 2000

For:

Compositions and Methods for

Use in Recombinational Cloning

of Nucleic Acids

Confirmation No. 4289

Art Unit:

1634

Examiner:

Johannsen, D.

Atty. Docket: 0942.4680003/RWE/BJD/JKM

#### Fifth Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this Fifth Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Third Supplemental Information Disclosure Statement filed on June 17, 2003, and Applicants' Fourth Supplemental Information Disclosure Statement, filed electronically herewith, in connection with the above-captioned application. A copy of each document is also provided.

The Examiner is referred to the following list of related, co-pending patent applications:

U.S. Patent Application No. 09/984,239, filed October 29, 2001, inventors Brasch et al., submitted herewith as Document **AS112**;

U.S. Patent Application No. 10/396,696, filed March 26, 2003, inventors Hartley et al., submitted herewith as Document AT112;

- U.S. Patent Application No. 10/454,793, filed June 5, 2003, inventors Chesnut *et al.*, submitted herewith as Document **AR113**;
- U.S. Patent Application No. 10/640,422, filed August 14, 2003, inventors Cheo et al., submitted herewith as Document AS113.

The identification of these U.S. Patent Applications is not to be construed as a waiver of secrecy as to these applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

This Fifth Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Brian J. Del Buono

Attorney for Applicants Registration No. 42,473

Date: <u>Dec. 15, 2003</u>

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ATTY. DOCKET NO.
0942.4680003/RWE/BJD/JKM

APPLICATION NO.
09/517,466

APPLICANT
Hartley et al.

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# FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

APPLICATION NO. ATTY. DOCKET NO. 0942.4680003/RWE/BJD/JKM 09/517,466 APPLICANT Hartley et al.

FILING DATE GROUP March 2, 2000 1634 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS FILING DATE INITIAL AΑ AB AC AD ΑE AF AG ΑH ΑI АJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUB-CLASS TRANSLATION ΑL No Yes AM No Yes ΑN No Yes ΑO No Yes AΡ No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Cherepanov, P.P., and Wackernagel, W., "Gene disruption in Escherichia coli: TcR and KmR cassettes with the option of Flp-catalyzed excision of the antibiotic-resistance determinant," Gene 158:9-14, Elsevier Science B.V. AR 106 (1995). Collis, C.M., and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrons," Antimicrobial Agents Chemother. 39:155-162, AS <u> 106</u> American Society for Microbiology (1995). Cormack, B., "Directed Mutagenesis Using the Polymerase Chain Reaction," in 106 Current Protocols in Molecular Biology 1:8.5.1-8.5.10, Ausubel, F.M., et al., AT

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ATTY. DOCKET NO.
0942.4680003/RWE/BJD/JKM

APPLICATION NO.
09/517,466

APPLICANT
Hartley et al

Hartley et al. FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT GROUP FILING DATE March 2, 2000 1634 U.S. PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER CLASS INITIAL DATE NAME SUB-CLASS FILING DATE AA AB AC ΑD ΑE AF AG AΗ ΑI АJ ΑK FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER COUNTRY SUB-CLASS INITIAL DATE CLASS TRANSLATION ALNo Yes AM No Yes AN No Yes AO No Yes AΡ No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Enquist, L.W., and Weisberg, R.A., "The Red Plaque Test: A Rapid Method for Identification of Excision Defective Variants of Bacteriophage Lambda," AR 107 Virology 72:147-153, Academic Press, Inc. (1976). Feinbaum, R., "Vectors Derived from Plasmids: Introduction to Plasmid Biology," in Current Protocols in Molecular Biology 1:1.5.1-1.5.17, Ausubel, F.M., et AS <u> 107</u> al., eds., John Wiley & Sons, Inc. (1998).

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ATTY. DOCKET NO.
0942.4680003/RWE/BJD/JKM

APPLICATION NO.
09/517,466

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Hartley et al.

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# FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO. 0942.4680003/RWE/BJD/JKM	APPLICATION NO. 09/517,466
APPLICANT Hartley <i>et al</i> .	
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## FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 0942.4680003/RWE/BJD/JKM APPLICATION NO. 09/517,466 APPLICANT

Hartley et al. GROUP FILING DATE March 2, 2000 1634

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Hartley et al.

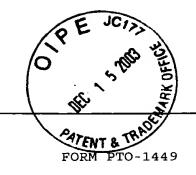
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